



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Major Examinations 2022
(Under CBCS Pattern)
Semester - VI
Subject : AGRO SERVICE
Paper : DSE 3-T

Full Marks : 40
Time : 2 Hours

*Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.*

Environmental Science and Agro-Ecology

Group-A

- A. Answer any **four** of the following questions : 5×4=20
1. Write in detail the concept of environment in agriculture and allied sectors.
 2. How environmental pollution takes place from agriculture and allied sectors?
 3. What do you mean by soil environment? Write down the contents of soil.
 4. Define agro-ecology. How it is related the environment?
 5. Briefly describe the prominent agro ecological regions of West Bengal.
 6. Write about the importance of agro-ecological environment in aerobic and anaerobic ecosystem.

Group - B

B. Answer any *two* of the following questions :

10×2=20

1. State the major crops cultivated in Brown & Black, Saline & Alkaline, Red & Laterite and New & Old alluvial regions of West Bengal with specific reasons.
 2. Which farming is more suitable to save our environment and why?
 3. State briefly about the Physical, Chemical and Biological environment.
 4. Why Rice grow well in water submergence unlike legume crops?
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Or,
Paper - DSE 3-T
Agro-Forestry

Full Marks : 40

Time : 2 Hours

Group - A

A. Answer any *four* of the following questions : 5×4=20

1. How is agroforestry related with environment pollution and global warming?
2. State the importance of regeneration of forests. Why shelter belt and wind break trees are useful in any forest?
3. What are the objectives of afforestation and reforestation? State the choice of tree species & nursery techniques in any forestry system.
4. Write in brief about the general cultivation process of any two common agro forest trees.
5. State the prominent agro and social forestry systems prevailing in West Bengal.
6. Write on the importance of social forestry.

Group - B

B. Answer any *two* of the following questions : 10×2=20

1. Define agro forestry and social forestry with examples. Discuss on Ayurvedic plants commonly available in any forest plantation.
 2. Write in short, the scope and classification of forestry. State role of forests in respect to geographic, productive and bio aesthetical with examples.
 3. State briefly the concept, classification and need of agro forestry in West Bengal.
 4. State briefly the difference between the state of agroforestry and social forestry in West Bengal.
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